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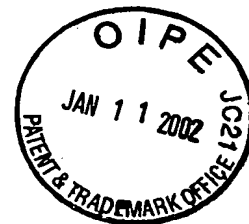
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SEQUENCE LISTING

<110> Dahiyat, Bassil I.
Morton, Andrew G.

<120> NOVEL PROTEINS WITH INSULIN-LIKE ACTIVITY USEFUL IN THE TREATMENT OF DIABETES

<130> A-68064-1/RFT/RMS/RMK

<140> US 09/574,443

<141> 2000-05-19

<150> US 60/134,930

<151> 1999-05-19

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<170> PatentIn version 3.1

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Phe Tyr Thr Pro Lys Thr Arg Arg Glu Ala Glu Asp Leu Gln Val Gly
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Gln Val Glu Leu Gly Gly Gly Pro Gly Ala Gly Ser Leu Gln Pro Leu
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Tyr Asn Phe Asp Asn Asp Val Asn Phe His Leu Tyr Gly Ser His Ile
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Pro Lys Thr
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Glu Asn Tyr Cys Asn His Leu Glu Gly Ser His Leu Val Glu Ala Leu
 20 25 30

Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr Pro Lys Thr
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Val Glu Phe Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr
 35 40 45

Pro Lys Thr
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Glu Asn Tyr Cys Asn Phe Val Asn Gln Phe Leu Cys Gly Ser His Leu
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Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr
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Pro Lys Thr
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Glu Asn Tyr Cys Asn Phe Val Asn Gln His Leu Cys Gly Ser His Leu
 20 25 30

Val Glu Phe Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr
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Pro Lys Thr
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			20					25					30		

Val	Glu	Trp	Leu	Tyr	Leu	Val	Cys	Gly	Glu	Arg	Gly	Phe	Phe	Tyr	Thr
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Glu	Asn	Tyr	Cys	Asn	Phe	Val	Asn	Gln	Phe	Leu	Cys	Gly	Ser	His	Leu
			20					25					30		

Val	Glu	Trp	Leu	Tyr	Leu	Val	Cys	Gly	Glu	Arg	Gly	Phe	Phe	Tyr	Thr
		35					40					45			

Pro	Lys	Thr
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Glu Asn Tyr Cys Asn Phe Val Asn Gln His Leu Cys Gly Ser His Leu
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Val Glu Tyr Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr
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Pro Lys Thr
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Glu Asn Tyr Cys Asn Phe Val Asn Gln His Leu Cys Gly Ser His Leu
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Val Glu Ile Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Phe Tyr Thr
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Pro Lys Thr
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Glu Asn Tyr Cys Asn Asp Val Asn Gln His Leu Cys Gly Ser His Leu
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Val Glu Ala Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Asn Tyr Asp
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Pro Lys Thr
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Tyr Asn Phe Cys Asn Asp Lys Asn Phe His Leu Cys Gly Ser His Ile
20 25 30

Arg Glu Trp Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Asn Phe Asp
35 40 45

Pro Lys Thr
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1 5 10 15

Tyr Asn Phe Cys Asn Asp Lys Asn Phe His Leu Cys Gly Ser His Ile
20 25 30

Arg Glu Trp Leu Tyr Leu Val Cys Gly Glu Arg Gly Phe Asn Phe Asp
35 40 45

Pro Lys Thr
50